

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040189738"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:42
S2	883	347/29.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:49
S3	90	(cap\$4 with elastic\$4 with (corner edge)) same (air with seal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:45
S4	1	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:44
S5	1	("6309044").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 09:44
S6	3596	(cap\$4 with elastic\$4 with (corner edge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:48
S7	15	S2 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:46
S8	153	(cap\$4 with elastic\$4 with ((corner edge)with thin\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:50
S9	0	S2 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:49
S10	66484	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:49
S11	2	S8 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:49
S12	354	(cap\$4 with elastic\$4 same ((corner edge) with thin\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:50

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S13	0	S2 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:50
S14	314	(cap\$4 same elastic\$4 with ((corner edge) with thin\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:54
S15	1	S2 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:51
S16	3	S10 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:52
S17	923	(cap\$4 same elastic\$4 same ((corner edge) with thin\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:54
S18	1	S2 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:54
S19	3	S10 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 09:55
S20	3368	347/22,29,30-34,42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:29
S21	5144	(plastic elastic\$4 rubber) same ((seal\$3 edge) with member) with taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:08
S22	4	S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:07
S23	15497	(plastic elastic\$4 rubber deform\$4) with (cap\$4 cover) same taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:20
S24	13	S20 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:09

## EAST Search History

S25	3	"6517185".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:22
S26	37	("4600931"   "4728970"   "4825231"   "5027134"   "5055856"   "5210550"   "5252993"   "5426456"   "5448270"   "5450105"   "5455609"   "5517219"   "5534896"   "5602573"   "5621441"   "5644346"   "5699092"   "5712668"   "5714991"   "5801725"   "5812157"   "5867184"   "5883645"   "5883647"   "5896144"   "5898444"   "5912681"   "5936647"   "5956053"   "5984451"   "6000780"   "6010203"   "6036299"   "6039432"   "6068364"   "6074037"   "6081282").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:24
S27	37	("4600931"   "4728970"   "4825231"   "5027134"   "5055856"   "5210550"   "5252993"   "5426456"   "5448270"   "5450105"   "5455609"   "5517219"   "5534896"   "5602573"   "5621441"   "5644346"   "5699092"   "5712668"   "5714991"   "5801725"   "5812157"   "5867184"   "5883645"   "5883647"   "5896144"   "5898444"   "5912681"   "5936647"   "5956053"   "5984451"   "6000780"   "6010203"   "6036299"   "6039432"   "6068364"   "6074037"   "6081282").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:26
S28	18	("4683481"   "4853717"   "5027134"   "5103244"   "5115250"   "5146243"   "5155497"   "5216449"   "5252993"   "5278584"   "5394178"   "5440331"   "5448270"   "5455608"   "5455609"   "5471230"   "5517220"   "5563638").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:28
S29	3	(suction near4 cup) with (thin\$3 with corner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:30
S30	0	(suction with cup) with (thin\$3 near4 corner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:31
S31	2	(suction with cup) same (thin\$3 near4 corner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:31
S32	161	(seal (air near4 tight) with member) same (thin\$3 near4 corner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 10:32
S33	7	("20030151349"   "3593874"   "3623196"   "6509683"   "6667570"   "6693374"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:33
S34	3	("3161314"   "4686416").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:37
S35	1	2000-146777.NRAN.	DERWENT	OR	ON	2006/06/06 11:12
S36	11246	(plastic elastic\$4 rubber deform\$4) with (cap\$4 cover) same (gasket seal) and taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:20
S37	46	S20 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 11:21
S38	1457	347/29,30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:47

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S39	516	347/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:43
S40	16	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:43
S41	27	("4074324"   "4172641"   "4632585"   "4937676"   "4979838"   "5051838"   "5408746"   "5412411"   "5444468"   "5493409"   "5606420"   "5715234"   "5742861"   "5748326"   "5757388"   "5835136"   "5847836"   "5861897"   "5882128"   "5894326"   "5916358"   "5999203"   "6022099"   "6102505"   "6152619"   "6196739"   "6270182").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 12:46
S42	217896	((deform\$4 elastic\$4 plastic rubber) with (gasket seal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:48
S43	47679	((deform\$4 elastic\$4 plastic rubber) with (gasket seal)) same (cap cover)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:48
S44	163	S38 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 12:48
S45	87	S38 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 13:55
S46	16	(US-20040189738-\$ or US-20030189616-\$ or US-20040008236-\$).did. or (US-6018217-\$ or US-5448270-\$ or US-6068364-\$ or US-6517185-\$ or US-6390594-\$ or US-6203136-\$ or US-6270182-\$ or US-5117244-\$ or US-5867184-\$ or US-5883645-\$ or US-6817695-\$ or US-6935719-\$).did. or (JP-05131639-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/06/06 13:55
S47	0	S46 and taper43	US-PGPUB; USPAT; JPO	OR	ON	2006/06/06 13:55
S48	10	S45 and taper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 13:55
S49	13	(US-20040008236-\$ or US-20040189738-\$).did. or (US-6203136-\$ or US-6068364-\$ or US-6817695-\$ or US-5883645-\$ or US-6517185-\$ or US-6935719-\$ or US-5117244-\$ or US-6018217-\$ or US-5448270-\$ or US-5867184-\$).did. or (JP-05131639-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/07/12 10:54
S50	3	S49 and perpendicular	US-PGPUB; USPAT; JPO	OR	ON	2007/07/12 10:51
S51	2	S49 and perpendicular and vertic\$4	US-PGPUB; USPAT; JPO	OR	ON	2007/07/12 10:52
S52	10	S49 and vertica\$4	US-PGPUB; USPAT; JPO	OR	ON	2007/07/12 10:52
S53	8	S49 and groove	US-PGPUB; USPAT; JPO	OR	ON	2007/07/12 10:54

## EAST Search History

S54	9	("4853717"   "5027134"   "5146243"   "5210550"   "5216449"   "5426456"   "5448270"   "5504508"   "5717444").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:51
S55	758	347/29.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:51
S56	0	(cap with (rubber elastic deformable) with seal with perpendicular) and S55	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:51
S57	37	(cap with (rubber elastic deformable) with seal) and S55	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:58
S58	3	(cap with (rubber elastic deformable) with seal) and S49	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:59
S59	10	(cap with (rubber elastic deformable)) and S49	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:59